

Figure 2

		10						3	30						5	0			
TCAC	GAG	CTG	CCC	ACG:							ccc	GGG'	TTC.	ACG.	AGC'	rgc	CCA	CGT	CG T
Ť	S	С	P	R	P	L	Q	E	G	T	P	G	S	R	A	A	H	V	V
		70						!	90						11	0			
TCTC	יראנ	GAA	GGG	ACC	CGG	GTC	CAC	GAG	CTG	CCC	ACG	TCC	TCT	CCA	.GGA	AAG	GAC	CCG	GG
S	R	K	G	Р		s	T	s	С	P		P	L	Q	E	R	T	R	V
•		130						1	50						17	0			
TCC	ACG!	AGCT	GGC	CAC	GTC	CTC	TGC.	AGG.	AAG	GGA	.ccc	CGG	GTC	CAC	GAG	CTG	ccc	ACG	TC
Н	E	L	A	T	s	S	A	G	R	D	P	G	S	T	s	С	P	R	P
		190				•	•	2	10						23	0			
СТСТ	rcci	AGGA	AGG	GAC	ccc	GGG	TTC	ACG	AGC	TGC	CCA	CGT	CCI	CTC	CAG	GAA	.GGG	ACC	cc
L			_	T	P		S		A	A	H	V	L	S	R	K	G	P	R
		250						2	70				•		29	0			
GGG'	TCC	ACGA	GCT	GCC	CAC	GTC	CTC	TCC	AGG	AAG	GGZ	CCC	CGG	GTO	CCAC	GAA	CTG	ccc	CAC
V	Н	E	L	P	T	s	S	P	G	R	D	P	G	S	T	N	С	P	R
		310	,					3	30						35	0			
GTC	CTC	TCCA	.GGA	AGG	GAC		CGGG	TTC	ACG	AGC	CTGC	CCC	ACG:	rcc:	rcro	CCAC	GGAC	GGG	GAC
P		Q		G	T	P	G		R	A	A	Н	V	L	S	R	R	G	H
		370						3	90						4:	LO			
ACC	GGG	TTCP	CGF	4GCI	GCC	CAC													GCC
R	V	H	E	L	P	Т	P	S	P	G	R	D	P	G	F	М	S	С	P
		430)					4	150						4	70			
CAC	GTC	CTCT	CCZ	AGGA	AAGO	· GGA	ccc	GGI	CCZ	ACG:	AAC'	TGC	CCA	CGC	CCT	CTC	CAG	GAG	GGĞ
R	P	L	Q	E	G	T	R	V	Н	E	. L	P	Т	P	s	P	G	G	D
*		490)					5	510						5	30			
ACC	cccc	GTC	CAC	GAG(CTG	CCC.	ACG'	TCG!	rcai	ACG	GGA ĸ	AGG	GAC	CCG	GGT	CCA T	CGA	GCT	GCC

		550						57	0						590)			
CACG			~~»(יר אי	NGG(22/00		SGTO	CAC	GAP	CTG	CCC	CAC	3CG(CTCI	CCA	.GGA	GGG	G
CACG	P		Q	E	G	T	R		Н	E	L	P	T	R	S	P	G	G	D
	-		_																
		610						63	ın.						650)			
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ACAC	CGG	GTT				CCC	ACG	CCCI	CTC	CAC	GAZ	JGG(GAC	CCC	GGG: G	TTC <i>F</i> S	CGA R	GCT A	'G A
T	G	F	T	S	С	P	R	P	Ь	Q	E	G	T	P	G	3		^	r,
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		670						69	90						71	0			
CCC	, ~ ~ .	TCCT	ርሞር	CDC	CDC	ccc	ברב	CCGG	-GT:	гсас	CGA	GCT	GCC	CAC	GTC	· CTC:	rcci	.GGI	AG
H	υυ. V		S	R	R	G	H		v	Н	E	L	P	T	s	S	P	G	G
		730						7:	50						77	0			
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GGG		CCGG								TCT	CCA	GGA E	.GGG G	GAC T	ACC	GGG'	FTCI S	ACG/ R	AG A
D	Т	G	F	T	S	С	P	R	P	L	Q	ь	G	1	F	G	J	•	••
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		790)					8	10						83	0			
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CITIC		ארכים י	ירכיז	ירייר	יר אַכּ	GAA	\GGG	ACC	CGG	GTC	CAC	GAG	CTO	SCCC	CACG	TCC	TCT	CCA	GG
CTG A			CCI L	CTC	CAG R	GAA K	G G	ACC P	cgg G	GTC S	CAC T	GAG S	CTC C	CCC P	CACG R	TCC P	TCT L	CCA Q	GG E
					CAG R	GAA K	G G	ACC P	CGG G	GTC S	CAC T	GAG S	CT(P P	R R	TCC P	TCT L	CCA Q	GG E
		V	L		CAG R	· GAA K	G G	P	cgg G 70	GTC S	CAC T	GAG	CT(P P	R R 89	P	TCT L	CCA Q	GG E
A	H	850	L	S	R	K	G	P 8	G 70	S	T	s	С	Р	R 89	90	L	Q	
A AGG	. H	850 CAC	L) CGG	S	R	K SAGO	G CTG(P 8 CCCA	G 70 .cgc	S ACT	T TTC	S CAC	C	P AGG(8 9 3AC0	90	L	Q	
A	. H	850 CAC	L) CGG	S	R	K	G CTG(P 8 CCCA	G 70 .cgc	S	T	s	С	P AGG(R 89	90	L GGT	TCA	.GG
A AGG	. H	850 CAC	L) CGG	S	R	K SAGO	G CTG(P 8 CCCA H	G 70	S ACT	T TTC	S CAC	C	P AGG(R 89 GACO P	P 0 CCCG	L GGT	TCA	.GG
A AGG	. H	850 CAC	L CGGG	S	R	K SAGO	G CTG(P 8 CCCA H	G 70 .cgc	S ACT	T TTC	S CAC	C	P AGG(R 89 GACO P	90	L GGT	TCA	.GG
A AGG G	H GGA	V 850 CACO P	L CGGG	S STT(S	R CACO R	K SAGO A	G CTG(A	P 8 CCCA H	G 70 .CGC A	S CACT L	T TTC S	S CCA(R	C SGAI K	P AGG(G	8 9 GAC() P	90 CCCG R	E GGT V	TCA Q	GG V
A AGG G	GGA GCC	V 850 CACO P 910	L CGGG	S STT(S	R CACO R	K SAGO A	G CTG(A	P 8 CCCA H	G 70 .CGC A	S CACT L	T TTTC S	S CCA(R	G K K AGA	AGG(G AAG	89 GACO P 9!	90 CCCG R	E GGT V	TCA Q	.GG V
AGG G	GGA GCC	V 850 CACO P 910	L CGGG G	S STTC S	R CACO R CATO	K SAGO A	G CTG(A GCC'	P 8 CCCA H 9	G 70 .CGC A 30	S ACT L	T TTTC S	CAC R	G K K AGA	AGG(G AAG	R 89 GACO P 9!	P	GGT V	TCA Q	GG V
AGG G	GGA GCC	V 850 CACO P 910 CGCCO	L CGGG G C CGGG P	S STTC S	R CACO R CATO	K SAGO A	G CTG(A GCC'	P 8 CCCA H 9 TTTG C	G 70 .CGC A 30	S ACT L	T TTTC S	CAC R	G K K AGA	AGG(G AAG	R 89 GACO P 9!	P AGG! E	GGT V	TCA Q	GG V
AGG G TCI	H GGGA TCC1	910 P 910 P 97	L CGGGG G G O O O O O O O O O O O O O O O	S S S CCA(T	R CACO R CATO	K	G CTGC A GCC'	P 8 CCCA H 9 TTTG C	G 70	S L L TAAI N	T TTTC S	S CCAC R AGAI K	C GGGA K AGA K	P AGGG G G AAG,	89 BACC P 99 ATGA	P R 50 AGG? E	E GGGT V AACF Q	TCA Q Q Q Q Q Q	
AGG G	HGGGA	910 P 97	L O O O O O O O O O O O O O	S S S S S S S S S S S S S S S S S S S	R CACO R	K	G CTGC A GCCC L	P 8 CCCA H 9 TTTG C	G 70	S LACT L TAA!	T TTTC S NTCA Q	S CCAC R AGAI K	C GGAAAGA K	P AGGC G G AAAG, D	89 SACCO P 99 ATGA E	P O O O O O O O O O O O O O	E GGGT V AACA Q	TCA Q Q Q Q Q Q Q Q Q	
AGG G	HGGGA	910 P 910 P 97	L O O O O O O O O O O O O O	S S S S S S S S S S S S S S S S S S S	R CACO R	K	G CTGC A GCCC L	P 8 CCCA H 9 TTTG C	G 70	S LACT L TAA!	T TTTC S NTCA Q	S CCAC R AGAI K	C GGAAAGA K	P AGGC G G AAAG, D	89 SACCO P 99 ATGA E	P O O O O O O O O O O O O O	E GGGT V AACA Q	TCA Q Q Q Q Q Q Q Q Q	
AGG G	H GGGA	910 PGCCC R	L)	S S S S S S S S S S S S S S S S S S S	R CACO R	K	G CTGC A GCCC L	P 8 CCCA H 9 TTTG C	G 70 . CGC A 30 . STGT V	S LACT L TAA!	T TTTC S NTCA Q	S CCAC R AGAI K	C GGAAAGA K	P AGGC G G AAAG, D	899ACCCGAACCCAACAACAACAACAACAACAACAACAACAAC	P P P P P P	E GGGT V AACA Q	TCA Q Q Q Q Q Q Q Q Q	
AGG G	H GGGA	910 P 97	L)	S S S S S S S S S S S S S S S S S S S	R CACO R	K	G CTGC A GCCC L	P 8 CCCA H 9 TTTG C	G 70	S LACT L TAA!	T TTTC S NTCA Q	S CCAC R AGAI K	C GGAAAGA K	P AGGC G G AAAG, D	899ACCCGAACCCAACAACAACAACAACAACAACAACAACAAC	P O O O O O O O O O O O O O	E GGGT V AACA Q	TCA Q Q Q Q Q Q Q Q Q	
AGG G TCT S	HGGGA	910 PGCCC R	L CGGGG G CGGGG P O CTG CTG	S SCCA(T AGG A	R CACC R CATC S CAG	K . GAGG A . CGT(C GCT F	G CTGC A GGCC! TTG G	P 8 CCCA H 9 TTTG C GTGG G 1(G 70 . CGC A 30 . STGT V 990 . SAGG G ACT	S ACT L TAAI N GGG	T TTTC S ATCA Q CTGC G	S CCAC R AGAI K SAT S	C C C C C C C C C C C C C C C C C C C	P AGGG G AAG, D	R 89 GACC P 99 ATGA E 10 CCG A 10	P CCCG R 50 AGGA E 10 CACG P	CTT(TCA Q Q Q Q Q Q Q Q Q Q Q Q Q	. GG V . CCC L . IGG A

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		150						11							119				
CCCA	<u>ጉ</u> ሞር (266	44	GGA:	AGG	· CTC	TGG	GCA	TGG.	AGG	TCG	GCC	AGG	CCC	CAT	CCC	CGT	ACC	CT
Н	S	G	K	E	G	S	G	Н	G	G	R	P	G	P	Ι	P	V	P	W
		210							30						125				٠,
GGCC	Ժատ	רייייי	ССТ	GCT	тсс	TGT	TTG	TCA	CTG	ccc	CGG	GGC	CTI	TGC	CACC	TGC	TTA	,CCC	TC
P	F	F	L	L	P	V	С	Н	С	P	G	A	F	A	P	A	F	P	L
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TCTC S		ACA Q	G GGG	F F	CTC	CCTC	TTA: L	OGO A	CCAC R	GCT L	rgg1 V	CT(S	CGAI N	ACT(S	*	SACC	JTC	4GA(, ,
	_	.330							350						13				
TCCA	ACCI	GC(CTCI	AGC(CTC	CCG/	AAG!	rgt'	rgg	GAT:	raci	AGG	CAC	GAG	CCA	CTG	TGC	CCG	GCC
		1390					•	_	410		•					30			
ATC	TTA	CT'	· PTT'	TAC'	TGC	TGA	CTA	ATA	GTC	TGC	TGT	GTG	TAA	CCF	4CCG	CTA	.GAA	ACC	CAC
		145						_	470							90			
TCA	TCA	GTT	GAT	GGT	CAT	GTG	GGT	TGC	TTC	TGC	TAT	TCG	CTI	TAT	OTAT	CAAC	CAGI	GCI	'GGA
		151						_	.530							550			٠.,
ATA	AAC	GTT	CCI	GTG	CAC	CTCI	TGG	GCF	ATAC	GCC	TAC	GA(GTG(GAA	CTG	CTG	GGT(CAAI	AAA
		157	0																
AAA	AAA	AAA	LAAJ	IAA	KAA/	XAAF	Ą											•	

Figure 3C

			10							30						50)			
TCA(CGF S		CTG(C	CCC P	ACG' R	rcc:	ICT(L	CCA(Q	GGA. E	AGG G	GAC(CCC P	GGG:	rtcz S	ACGI R	AGC' A	rgc A	CCA(CGT(V	CG V
			70							90						11	0			
TCT S		₹G(GAA(K	GG.	ACC P	CGG(STC	CAC(T	GAG S	CTG C	CCC. P	ACG R	TCC'	rct L	CCA Q	GGA E	AAG R	GAC T	CCG(R	GG V
		:	130		_		•		1	50						17	0			
TCC:		SA(GCT(GGC A	CAC T	GTC S	CTC S		AGG G		GGA D	CCC P		GTC S	CAC T	GAG S	CTG C	CCC P	ACG R	TC P
			190						2	10						23	0			•
CTC L		CA: 2	GGA E	AGG G	GAC T	CCC P	GGG G				TGC A	CCA H	CGT V	CCT L	CTC S	CAG R	GAA K	G G GGG	ACC P	CC R
			250						2	70			_			29	0			
GGG V		CA H	CGA E	GCT L	GCC P	CAC T	GTC S	CTC S	TCC	AGG G	AAG R	GGA D	P P	CGG G	GTC S	CAC T	GA <i>I</i> N	CTO C	P P	AC R
			310						3	330						35	0			
GTC P		CT L		GGA E	AGG G	GAC T	CCC P	GGG G	TTC S		AGC A	TGC A	CCCA H	CGI V	CCI L	CTC S	CA(GGA(R	GGG G	AC H
			370						3	390			_			4:	10			
ACC F		GT V	TCA H	.CGP E	AGCI L	GCC P	CAC	GCC P	CTC S	TCC P	CAGO G	RAE	GGG <i>F</i> D	ACC(CCG(G	GGT:	'CA' M	TGA(S	GCT(C	GCC P
			430)						450						4	70			
CAC	CGT	CC P	TCT L	CC <i>I</i> Q	AGG <i>I</i> E	AAGG G	GAC	CCC R	GG' V	TCCI H	ACG/ E	AAC' L	rgc(P	CCA:	CGC P	CCT S	CTC P	CAG G	GAG G	GGG D
			490				•			510				•			30			•
ACC	CCG P	G G	TCC P	CAC(R	GAG(A	OTG(A	CCCI H	ACG' V	rcg V	TCA N	ACG G	GGA K	AGG G	GAC P	CCG	GGT S	CCA	ACGA	GCT C	GCC F
			550)						570						5	90			

Figure 4A

CACGTCCI					· N C C	rece	2C Tr	CCD(CGA	ነጥጋል		CAC	3CG(CTC'	TCC	AGG.	AGG	GG
CACGTCCI R P	L	Q	E	G	T	R	V	Н	E	L	P	T	R	S	P	G	G	D
ŧ	510		-				6	30						65	0			
ACACCGG	STT(CAC	GAG	CTG	CCGI	4CG	ccc	TCT	CCA	GGA	AGG	GAC	CCC	GGG	TTC	ACG	AGC A	TG A
T G	F	T	S	С	P	R	P	L	Q	E	G	1	F	G				
(670						6	90						71	.0			
CCCACGT	CCT	CTC	CAG	GAG	GGG.	ACA	cce	GGI	TCA	CGA	GCI	GCC	CAC	GTC	CTC S	TCC	DAC G	GAG G
H V	L	S	R	R	G	Н	R	V	н	Ŀ	ъ	r	•	٥	-	-		
	730						7	750						7	70			
GGGACAC				:GAG	CTG	ccc	CAC	GCCC P	CTC	CCZ	AGG! E.	GGG	GAG T	CAC	G G	STT S	CAC R	GAG A
D T	G	F	T	S	C	r	А	r	יי	¥	_	Ū	_					
	790		•					810				_			30			. •
CTGCCCA A H	CGI	CC:	CTC	CAG	GAF	GG(GAC	OCG	GGT S	CCA	CGA	GCT:	GCC P	CAC R	GTC P	CTC L	TCC	AGG E
АН	V	٠.	5	K	K	J	•	J	_									
	850							870							90			
AGGGGAG	CAC	CGG	GTT	CAC	GAGO A	CTG A	CCC H	ACG A	CAC	TTT S	CCA R	GGA K	AGG	GAC	CCC	GGG	TTC / (CAGG V
G T	F	G	J	•	••													
	910							930							950			:
TCTCCTC S C	GCC(R	GGC P	CCA T		CGT C	GCC I	TTI,	GTG V	TAP	ATC Q (AGA Y	AGF (})AA! I >	TAE	GAG(E]	SAA:	CAG Q	GCCC A I
	97	0						990)					1	010			
TCCTCT L S	CTC L	TCC	AGG A	CAG	GCI	TT(GT(GAC	GGG(G 1	GCT(GGA:	· rct(CCT P	GCC A	GCA A	CCT P	TCC S	CTG(
	103	0						105	0					1	070			
CAGGGC G H	ACC I F	CT(STGC V I	CTTC	GAGO	CCC	CAG Q	AAC N	TGC C	AGG R	CGG R	CCG P	GCA A	GAC E	AAG K	GG(STC(CATG M
	109	90						111	.0	•				:	1130)		
TGGCG(CCT(CGG R	TGC(GCA(GCC A	TTG L	GAC D	CTG L	SCCC P	CCF P	YTG0 W	ACC T	CTG(W	GAG. R	ACA(Q	GGG G	TTT F	CTC(S

1150	1170	1190
CATTGGCCAGGCTGGTCTCG	AACTCCTGACCTCAGACG N S *	ATCCACCTGCCTCAGCCTCCCG
1210	1230	1250
AAGTGTTGGGATTACAGGCA	ACGAGCCACTGTGCCCGGC	CATCATTCCTTTTTACTGCTGA
1270	1290	1310
CTAATAGTCTGCTGTGTGA	ATCCACCGCTAGAAACCCA	CTCATCAGTTGATGGTCATGTG
1330	1350	1370
GGTTGCTTCTGCTATTCGC	TTATTATGAACAGTGCTGC	SAATAAACGTTCCTGTGCACTCT
1390	1410	1430
TGGGCATACGCCTAGGAGT	GGAACTGCTGGGTCAAAAI	AAAAAAAAAAAAAAAAAA

A

		10							30	ı							50				
TCACG	AGC	CTGC	CCF	ACGI		FCT	CCA	GG <i>I</i>	AAG	GG.	ACC	CCC	GG	TTC	AC R	GAG	CT	GCC A	CAC H	GTC V	:G V
T	S	С	P	R	P	L	Q	E	G	•	T	٢	G	٦	1	•			••	•	
		70							90)						•	110				
TCTC					cee	GTC	CAC	GA)	GCI	rgc	CCF	ACG'	rcc	TC:	rcc O	AG	GAA E	AGG R	ACC T	CGC R	€G V
S	R	K	G	P	G	S	Ť	5	•	-	r	K	•	_	_						
		130							15								170				
TCCA H		GCT	GGC A	CAC T	GTC S	CTC S	TG(A	CAG G	GA.	AGO R	GA(CCC P	CG0 G	GT S	T T	, CG	AGC S	CTG(P P	ACG R	TC P
		190							21	0							23()			
CTCT	CCA	GGA	AGG	GAC	CCC	CGG(GTT(CAC	GA	.GC:	rgc	CCA	CG'	rcc	TC	rcc	AG	GAA	GGG	ACC	CC R
L	Q	E	G	T	P	G	S	F	₹ '	A	A	Н	V	I		5	R	K	G	P	К
		250)						27	0							29	0			
GGGI	rccz	ACGA	GCI	GCC	CAC	CGT	CCT	CTO	CCP	AGG	AAG	GGZ	4CC	cco	GG'	TC	CAC T	GAA N	CTC C	CCC P	CAC R
V		E	L		T	S	S]	P	G	R	D	P	(3	S	1	IN	C	•	•
		310)						33	30							35	0			
GTC						CCC F	CGG	GT	TC2 S	ACG R	AGC A	TG A	CCC	AC	GTC V	CT L	CTC S	CAC R	GAQE R	G G	GAC H
P	L	Q	E	G	T	r	, 6	7	J	10		••	•	-							
		37							-	90							4:				•
ACC R		TTC.	_	AGC L			ACG(CCC P	TC S	TC(CAG G	GAA R	.GG(GAC D	P P	G G	GT: F	rca M	TGA S	GCT C	GCC P
		43	0						4	50							4	70			
CAC	GTC	CTC	TCC	AGG) (GGG G	ACC T	CG(R	GT V	CC.	ACG E	AAC I	CTG L	CCC P	CAC T	GC(P	CCT S	CTC	CAC	GA(GGG D
		49	0						Ę	510							5	30			
ACC	CCG	GGTC	CCAC	CGA(SCT	GCC A	CAC H	GT V	CG:	CA N	ACC	GG.	AAG K	GG. G	ACC P	CG G	GGT	CCZ	ACG. T	AGC S	TGCC C I

	550						57	0						590				
CACGTC	ግጥርጥ(רכשו	GAZ	AGG(BAC	CCGG	GTC	CAC	CGAZ	ACTO	SCC	CACC	CGC	CTCT	CCA	.GGA	GGG	G
R P	L	Q	E	G	T		v	Н	E	r .	P	T	R	S	P	G	G	D
		-																
	C10						63	2 ∩						650)			
	610																	•
ACACCG	GTT	CAC	GAG	CTG	CCC.	ACG	CCI	CT	CCA	3GA/	AGG	GAC	CCC	GGGI	TCF	CGF	AGC:	rG
T G	F	T	S	С	P	R	P	L	Q	E	G	T	Р	G	S	R	A	A
	670						69	90						710)			
								•										
CCCACG'				GAG	GGG	ACA(H	CCG	GGT'	TCA	CGA: E	GCT	GCC(P	CAC T	S	JTCI S	P	G	G G
H V	L	S	R	R	G	п	K	٧	11			-	•	Ū	_	-	_	
	730						7	50						770)			
GGGACA		C m m	C T C	CNC	ሮሞር	CCC	۵۲۵	•	ጥርጥ	CCA	GGA	GGG	GAC	ACC	3GGʻ	TTC	ACG.	AG
	CCGG G		T	GAG S		P		P		Q			T	P	G	S	R	A
-	_	_	_										•					
							0	10						83	n			
	790						_											
CTGCCC	ACGT	CCT	CTC	CAG	GAA	.GGG	ACC	CGG	GTC	CAC	GAG	CTG	CCC	ACG'	TCC	TCT	CCA	.GG
A H	V	L	S	R	K	G.	P	G	S	T	S	С	P	R	P	L	Q	E
•	850)					8	70						89	0			
												- ~ n n	ccc	· n c c	CCC	сст	ጥርጀ	GG
AGGGGA				ACG	AGC	TGC A	CCA	.CGC 2	ACT L	TTC S	.CAC R	K.	G	P	CCG R	V	Q	V
G T	P	G	3	K		7	11		_		•	•	_					
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	910)					9	30						95				
TCTCCT	'GCCG	:GCC	CAC	:ATC	GTO	CCI	TTG	TGI	[AA]	ATC!	AGAZ	AGAI	\AGI	ATGA	GGA	ACA	\GG(CCC
S C		P	Т	S	С	L	С	V	N	Q	K	K	D	E	E	Q	A	L
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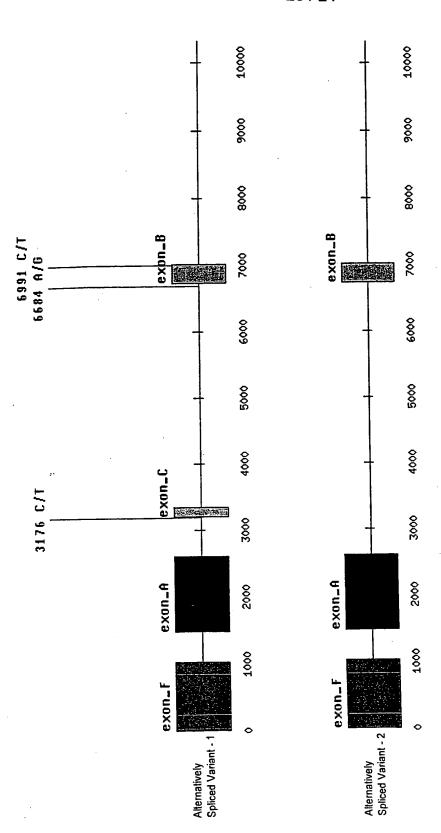
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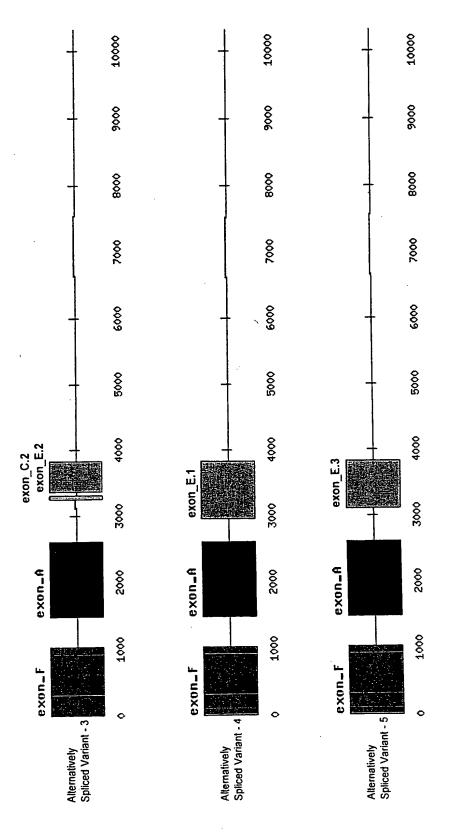
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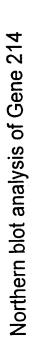
Alternatively Spliced Variants from Gene 214

Figure 8A



Alternatively Spliced Variants from Gene 214

Figure 8B



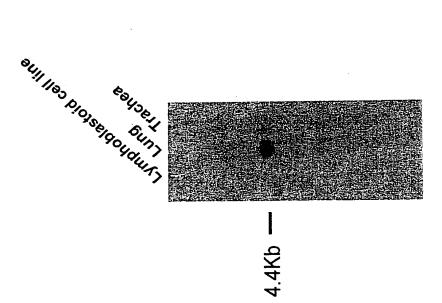


Figure 9

>Gene 214 Exon A TCACGAGCTGCCCACGTCCTCTCCAGGAAGGGACCCCGGGTTCACGAGCTGCCCACGTCG TCTCCAGGAAGGGACCCGGGTCCACGAGCTGCCCACGTCCTCTCCAGGAAAGGACCCGGG TCCACGAGCTGGCCACGTCCTCTGCAGGAAGGGACCCCGGGTCCACGAGCTGCCCACGTC CTCTCCAGGAAGGGACCCCGGGTTCACGAGCTGCCCACGTCCTCCCAGGAAGGGACCCC GGGTCCACGAGCTGCCCACGTCCTCCCAGGAAGGGACCCCGGGTCCACGAACTGCCCAC GTCCTCTCCAGGAAGGGACCCCGGGTTCACGAGCTGCCCACGTCCTCTCCAGGAGGGGAC ACCGGGTTCACGAGCTGCCCACGCCCTCTCCAGGAAGGGACCCCGGGTTCATGAGCTGCC CACGTCCTCTCCAGGAAGGGACCCGGGTCCACGAACTGCCCACGCCCTCTCCAGGAGGGG ACCCGGGTCCACGAGCTGCCCACGTCGTCAACGGGAAGGGACCCGGGTCCACGAGCTGCC CACGTCCTCTCCAGGAAGGGACCCGGGTCCACGAACTGCCCACGCGCTCTCCAGGAGGGG ACACCGGGTTCACGAGCTGCCCACGCCCTCTCCAGGAAGGGACCCCGGGTTCACGAGCTG CCCACGTCCTCCCAGGAGGGGACACCGGGTTCACGAGCTGCCCACGTCCTCTCCAGGAG GGGACACCGGGTTCACGAGCTGCCCACGCCCTCTCCAGGAGGGGACACCGGGTTCACGAG CTGCCCACGTCCTCCAGGAAGGGACCCGGGTCCACGAGCTGCCCACGTCCTCTCCAGG AGGGGACACCGGGTTCACGAGCTGCCCACGCACTTTCCAGGAAGGGACCCCGGGTTCAGG TCTCCTGCCGGCCCACATCGTGCCTTTGTGTAAATCAGAAGAAGATGAGGAACAGGCCC TCCTCTCTCTCCAGGCAGGCTTTGGTGGAGGGGCTGGATCTCCTGCCGCACCTTCCCTGG TGGCGCCTCGGTGCGCAGCCTTGGACCTGCCCCCATGGACCTGG

>Gene 214 Exon_B
AGACAGGGTTTCTCCTCATTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGACGATCCAC
CTGCCTCAGCCTCCCGAAGTGTTGGGATTACAGGCACGAGCCACTGTGCCCGGCCATCAT
TCCTTTTTACTGCTGACTAATAGTCTGCTGTGTGAATCCACCGCTAGAAACCCACTCATC
AGTTGATGGTCATGTGGGTTGCTTCTGCTATTCGCTTATTATGAACAGTGCTGGAATAAA
CGTTCCTGTGCACTCTTGGGCATACGCCTAGGAGTGGAACTGCTGGGTC

>Gene 214 Exon C GAACCTCCCGGCTCTTCCCACTCGGGAAAGGAAGGCTCTGGGCATGGAGGTCGGCCAGGC CCCATCCCCGTACCCTGGCCCTTCTTCCTGCTTCCTGTTTGTCACTGCCCCGGGGCCTTT GCACCTGCATTCCCTCTCT

>Gene 214 Exon C.2
GAACCTCCCGCTCTTCCCACTCGGGAAAGGAAGGCTCTGGGCATGGAG

>Gene 214 Exon E.1 ATGCCAGTGATGCCTGAGGTCTGCAGGGCAGTGCATACGCTCACCGCCTGGCCGCTCAGG AGCCTGTGCTTGACCCCCAAATCCGCCCCCCAACTCCCTGTTACCGGCTCACTCCTTCCA TGAGGGGCCTTCCCCAGGGACAGCCGATGCTCTCCTGATGGCTCCTGCCCTTGCAGAGTG CTGCCCCGCCTGCCCACCTGGCCTGGACCCTCGCCTGAGCCCCCTCAGGGCTCTGCGCC ACCTCAACCCAGGCGTTTGTTCCGCAGGAACCTCCCGGCTCTTCCCACTCGGGAAAGGAA GGCTCTGGGCATGGAGGTCGGCCAGGCCCCATCCCCGTACCCTGGCCCTTCTTCCTGCTT TTTATTGAGGTATAGTTGACAATTCAGGACGGTGTGCACTCAAGGTATGCAGCATCACAA CCTGACACGCTAGGCATTGTGAAATGAGTCCCACAATTGGGCTAATTAACACACCCATC ACCTTACATGGTTACTTCTTTCTGTGGTGAGAACACTAAATTTTAAATAGAGGACACACA GCCTGGGCAACATAGTGAGACCCTGTCTCTACAAATATAAAAAAATTATCTGGACGTGGT GGTGCACACCTGTGGTCCCAGCTACTTGGGAAGCTGAGGCTGGAGAATCACTTGAGCCTG AAATAAATAAAGGACACATTCTTATC

>Gene 214 Exon F TATAGAGATCTTTATCACTGAGTAGATAGAACGTACATGAATGTACGAACAGTCCAGACG AGTAACTTGACTAGGATAAGATAGACAGTACCAACTAATGAGACAAGAAGAGGGAATCAT ATAGAATCATGTAGTCTGAGTCTAGCGAGTGTCGACATGATCACAAGCGAAATACAGACT. ATGAGAAGAGGTAGAAATAATAAGTANACTGAGAAGAGAGGTCATATGTACATACAAATC AGTAAAGCAATAGAAATTGAATACATTATAAGCCACAGTTACAGAATTAGCCTAATTTAA CAACCATGGCAAGCGAGTTATATCAAACATAGAAGAGTAAACTCTATCGACCATGGGTAG GAACGAATAAAGGCGTCGAGAAGACAATAAGAATGCGTGTTAAACAGCAATACAAGAGAA TAGCACCACTGAAGCAGACCAAAGGCGTCACCGGGGAAGTAGGGAAGAGGCACCTCACAA GGAGAGGAAAGGGCAGTCCTGATTTTGAAAATTTCAGTGAAAAGACAGTGTTGTTCCCGG AGGCAGCTTAGTGATCCCGCATCGACTCTGAAGAGGACCCTGAGGGTAGGGGATTTTTTGG GCCTGACCGGCCTATGCTGAACGCCCACCGGGAATTCAGGGAGAAACACGGGGCCCCGGC AGAGGGAGGCCGCCCAGGCCTGGGGGCCTGGCGGCAGGGATGAAGTGGACCAGAGCCCCG CAAATCCTAACGTGGGTGAGCAGTGAGCCTGTGTGGCTGCGAGTGGCTCCGTTTTGGGGC TGTTTGTTCCTGCAGCAAATGATGCCAGCCCTGACGGAACCAGTGCACGTCCACCACGAG CTGCCCACGTCCTCCCAGGAAGGGACCCGGGTCCACGAGCTGCCCACGTCCTCTCCAGG AAGGGACC